

Title (en)

Novel copper and copper alloy corrosion inhibitors.

Title (de)

Korrosionsinhibitoren für Kupfer und Kupferlegierungen.

Title (fr)

Inhibiteurs de la corrosion du cuivre et de ses alliages.

Publication

EP 0397450 A1 19901114 (EN)

Application

EP 90304948 A 19900508

Priority

US 34853289 A 19890508

Abstract (en)

The use of alkoxybenzotriazoles to inhibit the corrosion of metallic surfaces in contact with an aqueous system. Systems and compositions containing alkoxybenzotriazole are also claimed.

IPC 1-7

C23F 11/14

IPC 8 full level

C02F 5/00 (2006.01); **C02F 5/08** (2006.01); **C02F 5/10** (2006.01); **C02F 5/12** (2006.01); **C07D 249/18** (2006.01); **C23F 11/14** (2006.01)

CPC (source: EP)

C23F 11/149 (2013.01)

Citation (search report)

- [AD] CHEMICAL ABSTRACTS, vol. 102, no. 18, 6th May 1985, page 241, abstract no. 153153b, Columbus, Ohio, US; & JP-A-59 222 589 (HITACHI LTD) 14-12-1984
- [A] PATENT ABSTRACTS OF JAPAN, vol. 1, no. 149 (C-77), 30th November 1971, page 3271 C 77; & JP-A-52 93 771 (FUJI SHASHIN FILM K.K.) 08-06-1977
- [A] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 166 (C-31)[648], 18th November 1980, page 33 C 31; & JP-A-55 108 861 (OTSUKA KAGAKU YAKUHIN K.K.) 21-08-1980

Cited by

US5236626A; EP0478247A3; US5217686A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0397450 A1 19901114; EP 0397450 B1 19930107; AT E84322 T1 19930115; AU 5476090 A 19901108; AU 636343 B2 19930429; CA 2016147 A1 19901108; CA 2016147 C 19991130; DE 69000724 D1 19930218; DE 69000724 T2 19930609; ES 2054247 T3 19940801; GR 3007241 T3 19930730; JP 2768538 B2 19980625; JP H02305983 A 19901219; NZ 233493 A 19920826; ZA 903436 B 19910130

DOCDB simple family (application)

EP 90304948 A 19900508; AT 90304948 T 19900508; AU 5476090 A 19900507; CA 2016147 A 19900507; DE 69000724 T 19900508; ES 90304948 T 19900508; GR 930400461 T 19930305; JP 11699890 A 19900508; NZ 23349390 A 19900430; ZA 903436 A 19900507